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(71)Applicant : MITSUBISHI ELECTRIC CORP

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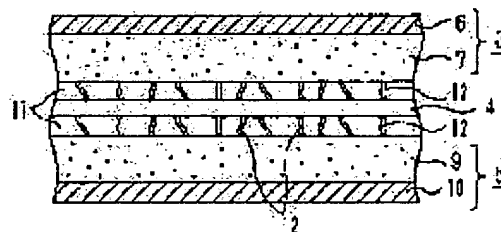
(72)Inventor : HAMANO KOJI
YOSHIDA YASUHIRO
SHIODA HISASHI
SHIRAGAMI AKIRA
AIHARA SHIGERU
MURAI MICHIO
INUZUKA TAKAYUKI

(54) LITHIUM ION SECONDARY BATTERY AND ITS MANUFACTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a lithium secondary battery in which electric connection between electrodes can be maintained without using a strong armor can, high energy density and a thin type can be realized, and charge and discharge characteristics are superior.

SOLUTION: A positive electrode 3 formed by joining a positive electrode active material layer 7 with a positive electrode collector 6, a negative electrode 5 formed by joining a negative electrode active material layer 9 with a negative electrode collector 10, and a separator 4 arranged between both electrodes and impregnated with electrolyte containing lithium ions are closely stuck by joining the positive electrode active material layer 7, the negative electrode active material layer 9, and the separator 4 by a porous adhesive resin layer 11. Simultaneously, the electrolyte is held in through holes 12 which is formed in the adhesive resin layer 11 and communicates the positive electrode active material layer 7 and the negative electrode active material layer 9, and the separator 4.



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